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TECH CENTER 1600/2900

- Sub D1
65. (New) A method of screening for autoimmune disease associated with a reduction in NF κ B activity in a mammal deemed to be at risk for an autoimmune disease, comprising:
- a) providing a biological sample from a mammal; and
 - b) detecting activity of proteosomes in said sample by measuring the level of NF κ B proteolytic products generated by said proteosomes, wherein a reduction in the level of NF κ B proteolytic products from a basal state is correlated with the presence of an autoimmune disease associated with a reduction in NF κ B activity.
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66. (New) The method of claim 65, wherein said proteosomes are isolated from said sample.
67. (New) The method of claim 66, wherein said isolated proteosomes are contacted with NF κ B peptides or proteins.
68. (New) The method of claim 67, wherein said NF κ B peptides or proteins are labeled.
- 2 69. (New) The method of claim 65, wherein said mammal is a human.
- Sub D2
70. (New) The method of claim 65, wherein said reduction in NF κ B proteolytic products is determined by measuring the level of NF κ B proteolytic products in the nucleus of a cell.
71. (New) The method of claim 65, wherein said reduction in NF κ B proteolytic products is determined by measuring the level of NF κ B proteolytic products in the cytoplasm of a cell.
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